

REPORT ON DRILLING OPERATIONS
AT MICHAEL MINE, BLUE TIER.

With the object of proving the value and testing the extent of tin bearing granite at Mt. Michael, in the Blue Tier district, seven bore holes were put down by means of the Victoria (Calyx) drilling plant between March 23rd and July 13th, 1935.

The drilling was carried out in the vicinity of the open-cut at Michael Mine, on the Mineral Lease No. 9152/M in the names of W.A. Walsh and others.

The positions of bore holes in relation to the open-cut and lease boundaries are shown on the attached plan.

Total footage drilled amounted to 342.5 feet and the average depth of holes was 48.9 feet.

The details of the holes are as follows:-

<u>Number.</u>	<u>Depth.</u>	<u>Value (% Tin).</u>
1	45	Trace
2	40	Nil
3	77.5	.15%
4	60	.12%
5	36	.02%
6	57	Nil
7	27	Nil

Representative samples of cores obtained from each ten feet of boring were assayed, and average values computed for each hole.

From the poor results obtained in the seven holes drilled it was concluded that the tin granite which had proved payable in the adjacent open-cut did not extend laterally, and that further drilling was not warranted.

F. Blake (Sgd).

ACTING GOVERNMENT GEOLOGIST.

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14th January, 1936.